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January 29, 2001

Attorney Docket No.: 07148-063003

Box Patent Application
Commissioner for Patents
Washington, DC 20231

Presented for filing is a new continuation patent application of:

Applicant: LORIN R. DEBONTE, PH.D., ZHEGONG FAN AND GUO-HUA
MIAO

Title: FATTY ACID DESATURASES AND MUTANT SEQUENCES
THEREOF

Enclosed are the following papers, including those required to receive a filing date
under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	50
Claims	8
Abstract	1
Declaration	[Unsigned -To be Filed at a Later Date]
Drawing(s)	9

Enclosures:

- Preliminary amendment, 6 pages.
- Nucleotide and/or amino acid sequence listing (Paper copy, 31 pages).
- Request Under 37 C.F.R. §1.821(e) to Transfer Computer Readable Form.
- Petition for Extension of Time
- Check for \$890.00
- Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EL639959554US

I hereby certify under 37 CFR §1.10 that this correspondence is being
deposited with the United States Postal Service as Express Mail Post
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Vince Defante

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01/29/01
jc966 U.S. PTO
Frederick P. Fish
1855-1930
Richardson
1859-1951

jc675 U.S. PTO
09/771904
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FR
BOSTON
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DELAWARE
NEW YORK
SAN DIEGO
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TWIN CITIES
WASHINGTON, DC

Commissioner for Patents

January 29, 2001

Page 2

This application is a continuation (and claims the benefit of priority under 35 USC 120) of U.S. application serial no. 08/874,109, filed June 12, 1997. The disclosure of the prior application is considered part of (and is incorporated by reference in) the disclosure of this application.

Please amend the application prior to calculating the fees.

Basic filing fee	\$710
Total claims in excess of 20 times \$18	\$288 <i>103 x 10</i>
Independent claims in excess of 3 times \$80	\$480
Fee for multiple dependent claims	\$0
Total filing fee:	\$1478

Under 37 CFR §1.53(f), no filing fee is being paid at this time.

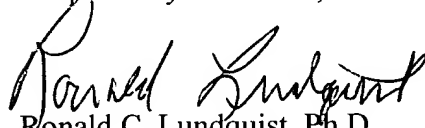
If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (612) 335-5070.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

RONALD C. LUNDQUIST, PH.D.
Fish & Richardson P.C., P.A.
60 South Sixth Street
Suite 3300
Minneapolis, MN 55402

Respectfully submitted,



Ronald C. Lundquist, Ph.D.

Reg. No. 37,875

Enclosures

RCL/jmf

60031638.doc

RECEIVED JAN 31 2001

GP 1649 \$

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lorin R. DeBonte et al. Art Unit : 1649
 Serial No. : 08/874,109 Examiner : G. Benzion
 Filed : June 12, 1997
 Title : FATTY ACID DESATURASES AND MUTANT SEQUENCES THEREOF

Commissioner for Patents
 Washington, D.C. 20231

PETITION FOR THREE-MONTH EXTENSION OF TIME

Pursuant to 37 CFR §1.136, applicant hereby petitions that the period for response to the action dated August 1, 2000, be extended for three months to and including February 1, 2001.

Enclosed is a check for \$890 for the required fee. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: January 29, 2001

Ronald C. Lundquist
 Ronald C. Lundquist, Ph.D.
 Reg. No. 37,875

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